

APR 1 6 1999

## ANALYTICAL REPORT

Mr. Richard Tyler MILBANK MANUFACTURING INC 1400 E. Havens Street Kokomo, IN 56901-3188

04/13/1999

Job Number:

99.01790

Page 1 of 3

Enclosed are the Analytical Results for the following samples submitted to TestAmerica, Inc. Indianapolis Division for analysis:

Project Description: WASTEWATER ANALYSIS

Sample Number Sample Description Date Taken Received

235014 001 - 2X/MONTH (Zn,O&G,CBOD,COD,TSS) 04/06/1999 04/07/1999

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Project Representative



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Job No.: 99.01790 Page 2 of 3

Date Received: 04/07/1999

Job Description: WASTEWATER ANALYSIS

Sample Number / Sample I.D. Parameters	Result	Flag	Sample Date/ Units	Analyst &  Date Analyzed	Method	Reporting Limit
235014 001 - 2X/	MONTH (Zn,O&G,CBOD	,COD,TSS 04	4/06/1999			
CBOD - Five Day CBOD - Five Day (PREP) COD Oil & Grease	50 Complete 200 <5.	d1x10	mg/L mg/L mg/L	tpd / 04/13/1999 aml / 04/08/1999 tls / 04/13/1999 ceg / 04/08/1999	EPA 405.1 EPA 405.1 EPA 410.4 EPA 1664	<5. Complete <10.
Solids, Suspended Zinc, ICP	10 0.11		mg/L mg/L	cls / 04/08/1999 ddm / 04/12/1999	EPA 160.2 EPA 200.7	<5. <0.020



## FIELD REPORT

JOB #: 99.01790 CLIENT: MILBANK MFG.

PROJECT: 2x MONTHLY WASTEWATER SAMPLING

**DATE:** 4/06/99 SAMPLER(S): MEM

An ISCO model 6700 auto sampler was used in the sequential mode of operation. The sampler was equipped with plastic containers, tygon suction line, power pack, and strainer.

All reusable equipment is decontaminated with alconox, tap water, 5% nitric acid, and deionized water. New tygon suction tubing was used for the sampler. A stainless steel strainer was also used for the sampling event.

The sampler was set to take a sample every 30 minutes for 8 hours.

Monitoring start 7:30 on 4/06/99 Monitoring end 15:30 on 4/06/99

The samples were then composited based on flow weight, and preserved in the appropriate containers.



## KEY TO ABBREVIATIONS

<	Less than; when appearing in the results column indicates the analyte was not detected at or above the reported value.
mg/L	Concentration in units of milligrams of analyte per Liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per million (ppm).
ug/L	Concentration in units of micrograms of analyte per Liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per billion (ppb).
mg/kg	Concentration in units of milligrams of analyte per kilogram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per million (ppm).
ug/kg	Concentration in units of micrograms of analyte per kilogram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per billion (ppb).
a	Indicates the sample concentration was quantitated using a diesel fuel standard.
þ	Indicates the analyte of interest was also found in the method blank.
c	Samples resembles unknown Hydrocarbon.
d1	Indicates the analyte has elevated reporting limit due to high concentration.
d2	Indicates the analyte has elevated reporting limit due to matrix.
e	Indicates the reported concentration is estimated.
f	Indicates the sample concentration was quantitated using a fuel oil standard.
g	Indicates the sample concentration was quantitated using a gasoline standard.
h	Indicates the sample was analyzed past holding time.
i	Indicates the sample spike concentration was insufficient, due to high analyte concentration in the sample.
j	Indicates the reported concentration is below the Reporting Limit.
k	Indicates the sample concentration was quantitated using a kerosene standard.
1	Indicates an MS/MSD was not analyzed due to insufficient sample. An LCS duplicate has been provided.
m	Indicates the sample concentration was quantitated using a mineral spirits standard.
0	Indicates the sample concentration was quantitated using a motor oil standard.
p	Indicates the sample was post spiked due to sample matrix.
q	Indicates MS/MSD exceeded control limits. All other QCIs were in control.
r	Indicates the sample was received past holding time.
s	Indicates the sample concentration was quantitated using a stoddard solvent standard.
u	Indicates the sample was received improperly preserved and/or contained.
uj	Indicates the result is under the reporting limit and considered an estimated concentration.
TCLP	Indicates the Toxicity Characteristic Leaching Procedure was performed for this analysis.
ICP GFAA	Indicates the analysis was performed using Inductively Coupled Plasma Spectroscopy.  Indicates the analysis was performed using Graphite Furnace Atomic Absorption Spectroscopy.
*	Percent; To convert ppm to %, divide the result by 10,000.  To convert % to ppm, multiply the result by 10,000.
•	Reporting limits are elevated due to insufficient sample submitted by client.
Dry Weight	When indicated, the results are reported on a dry weight basis. The contribution of the moisture content in the sample is subtracted when calculating the concentration of the analyte.

6964 HILLSDALE CT. / INDIANAPOLIS, IN 46250 / 317-842-4261 / FAX: 317-842-4286

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Lesi/merica	ADDRESS 1400 E. HAVENS STARET LOKOMO, IN #5	The party of the
- N C O R P O B A T E D	PHONE 765 452 5694 FAX	INVOICE TO:
	PROJECT NUMBER	P.O. NO.
LOSH DUTTON	PROJECT MANAGER	QUOTE NO. 48. 0060
SAMPLED BY 🕹	ANALYSES	To assist us in selecting the proper method
(PRINT NAME)	Servature	Is this work being conducted for regulatory compliance monitoring?
(PRINT NAME) SIGN	SIGNATURE # and Type of Contanners	Is this work being conducted for regulatory enforcement action? No No
DATE TIME SAMPLE ID/DESCRIPTION	АТЕПХ СОМР НСІ НОЗ РООН НОЗ РООН НОЗ ОО ОО	Which regulations apply: RCRA NPDES Wastewater UST Drinking Water Other None
	'Z (0)	COMMENTS
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		1
4/6 1510 Ganb	x	
CONDITION OF SAMPLE: BOTTLES INTACT? YES NO FIELD FILTERED? YES NO	SONO COC SEALS PRESENT AND INTACT? **EG:*NO VOLATILES FREE OF HEADSPACE? **EG:*NO VOLATILES FREE OF FR	TEMPERATURE UPON RECEIPT: 4.3°C Bottles supplied by LAB? AES NO
SAMPI E REMAINDER DISPOSAL : RETURN SAMP	MAINDER TO CLIE	)
	B TO DISPOSE OF ALL SAMPLE REMAINDERS	DATE
RELINGUISHED BY: DATE TIME 4/7/99 16:18	RECEIVED BY:	417199 1618 ALMMENTANTA
METHOD OF SHIPMENT	REMARKS:	